



File Wrapper Continuing Application  
(FWC) under 37 CFR 1.62

BRUMBAUGH, GRAVES, DONOHUE & RAYMOND  
30 ROCKEFELLER PLAZA  
NEW YORK, N.Y. 10112

PATENT

TELEPHONE 212 408-2500  
FACSIMILE 212 765-2519  
CABLE CAMBRUFREE  
TELEX 238555

Our File No. A28203-A-FWC-240/26531  
Anticipated Classification  
Class \_\_\_\_\_ Subclass \_\_\_\_\_  
Prior Appln. :  
Serial No.: 07/656,575  
Examiner : Bennett, L.  
Art Unit : 1807

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner of Patents and Trademarks  
Box FWC  
Washington, D.C. 20231

This is a request for filing a

( ) continuation-in-part (X) continuation ( ) divisional  
application under the file wrapper continuing procedure, 37 CFR  
1.62, of prior application, Serial No. 07/656,575, filed  
on February 15, 1991, entitled METHOD AND REAGENT FOR  
DETERMINING SPECIFIC NUCLEOTIDE VARIATIONS  
by the following named inventor(s):

Hans Eric Söderlund  
Anne-Christine Syvanen

CERTIFICATE OF EXPRESS MAIL UNDER 37 CFR 1.10

"Express Mail" Mailing Label No. EF 414 746 734 US. Date of Deposit  
December 2, 1993. I hereby certify that this FWC transmittal and the  
documents referred to as attached therein are being deposited with the United  
States Postal Service "Express Mail Post Office to Addressee" Service under 37  
C.F.R. 1.10 on the date indicated above and is addressed to: Commissioner of  
Patents and Trademarks, Washington, D.C. 20231.

Calvin Teegarden  
(Type or print Name of person mailing paper)

Calvin Teegarden  
(Signature of person mailing paper)

File Wrapper. Continuing Application  
(FWC) under 37 CFR 1.62

PATENT

Our File No. A28203-A-FWC-240/26531

FULL NAME OF SOLE OR FIRST INVENTOR	LAST NAME SÖDERLUND	FIRST NAME HANS	MIDDLE NAME E.	
RESIDENCE & CITIZENSHIP	CITY ESPOO	STATE OR FOREIGN COUNTRY FINLAND	COUNTRY OF CITIZENSHIP FINLAND	
POST OFFICE ADDRESS	POST OFFICE ADDRESS Salonkitie 19	CITY ESPOO	STATE OR FOREIGN COUNTRY FINLAND	ZIP CODE 02940
FULL NAME OF 2ND JOINT INVENTOR	LAST NAME SYVANEN	FIRST NAME ANNE- CHRISTINE	MIDDLE NAME	
RESIDENCE & CITIZENSHIP	CITY HELSINKI	STATE OR FOREIGN COUNTRY FINLAND	COUNTRY OF CITIZENSHIP FINLAND	
POST OFFICE ADDRESS	POST OFFICE ADDRESS Mannerheimintie 138A	CITY HELSINKI	STATE OR FOREIGN COUNTRY FINLAND	ZIP CODE SF-00270
FULL NAME OF 3RD JOINT INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	



File Wrapper Continuing Application  
(FWC) under 37 CFR 1.62

PATENT

Our File No. A28203-A-FWC-240/26531

POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR FOREIGN COUNTRY	ZIP CODE

The above identified prior application, in which no payment of the issue fee, abandonment of, or termination of proceedings has occurred, is hereby expressly abandoned as of the filing date of this new application. Please use all the contents of the prior application file wrapper, including the drawings, as the basic papers for the new application.

1. ☐ Enter the amendment previously filed on \_\_\_\_\_ under 37 CFR 1.116 but unentered, in the prior application.
2. ☐ A preliminary amendment is enclosed.

The filing fee is calculated on the basis of the claims existing in the prior application as amended at 1 and 2 above.

FOR	(Col. 1) NO. FILED	(Col. 2) NO. EXTRA	SMALL ENTITY		or	OTHER THAN A SMALL ENTITY	
			RATE	FEE		RATE	FEE
Basic Fee	////////	////////	////	\$355	or	////	\$710
Total Claims	45-20	= 25	x \$ 11	=	or	x \$ 22	= 550
Ind. Claims	10-3	= 7	x \$ 37	=	or	x \$ 75	= 518
( ) Multiple Dependent Claim Presented			+ \$115 =		or	+ \$230 =	
			TOTAL = \$		or	TOTAL = \$1,778	

\* If the difference in Col. 1 is less than zero, enter "0" in Col. 2.

3. ☒ An Extension of Time to respond to the Final Rejection dated June 2, 1993 in parent U.S. application Serial No. 07/656,575, filed February 15, 1991, is requested. The required fee, indicated below, is enclosed herewith.

Extension for response (check only one):

File Wrapper Continuing Application  
(FWC) under 37 CFR 1.62

PATENT

Our File No. A28203-A-FWC-240/26531

	<u>SMALL ENTITY</u>	<u>OTHER THAN A SMALL ENTITY</u>
Within first month ( )	\$ 55	( ) \$ 110
Within second month ( )	180	( ) 360
Within third month ( )	420	(X) 840
Within fourth month ( )	660	( ) 1,320

(check and complete the next item, if applicable)

- (a) ( ) An extension for \_\_\_\_\_ months has already been secured and the fee paid therefor of \$\_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.

( ) A copy of the request for extension of time filed in prior application is attached.

Extension fee due with this request \$\_\_\_\_\_

or

- (b) (X) In the event that an extension of time is required, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.

(c) **TOTAL FEE DUE**

The total fee due is

Filing fee	\$ <u>1,778.00</u>
Extension fee (if any)	\$ <u>840.00</u>

TOTAL FEE DUE \$ 2,618.00

4. (X) The Commissioner is hereby authorized to charge fees under 37 CFR 1.16 and 1.17 which may be required, or credit any overpayment to Deposit Account No. 02-4377. Two copies of this sheet are enclosed.
5. ( ) A new oath or declaration is included since this application is a continuation-in-part which discloses and claims additional matter.

File Wrapper Containing Application  
(FWC) under 37 CFR 1.62

PATENT

Our File No. A28203-A-FWC-240/26531

6. (X) Amend the specification by inserting before the first line the sentence:

This application is a

( ) continuation-in-part (X) continuation ( ) division  
of application Serial No. 07/656,575, filed on  
February 21, 1991.

7. ( ) A verified statement that this is a filing by a small entity is attached.

( ) The small entity statement was filed in the parent application Serial No. \_\_\_\_\_, on \_\_\_\_\_ and its benefit under 37 CFR 1.28(a) is hereby claimed.

8. ( ) Priority of application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_, in \_\_\_\_\_ is claimed under 35 USC 119.

( ) The certified copy has been filed in prior application Serial No. \_\_\_\_\_ filed \_\_\_\_\_.

9. (X) The prior application is assigned of record to \_\_\_\_\_  
Orion Corporation Ltd.

( ) An assignment of the invention to \_\_\_\_\_ is attached.

10. ( ) Also enclosed

11. (X) Please address all further communications to:

BRUMBAUGH, GRAVES, DONOHUE & RAYMOND  
30 Rockefeller Plaza  
New York, New York 10112  
(212) 408-2500

It is understood that secrecy under 35 USC 122 is hereby waived to the extent that if information or access is available to any one of the applications in the file wrapper of a 37 CFR 1.62 application, be it either this application or a prior application

File Wrapper Containing Application  
(FWC) under 37 CFR 1.62

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in the same file wrapper, the Patent and Trademark Office may provide similar information or access to all the other applications in the same file wrapper.

BRUMBAUGH, GRAVES, DONOHUE & RAYMOND

Date: December 2, 1993

By

*Rochelle K. Seide*

Rochelle K. Seide

PTO Registration No. 32,300

Enclosures

028

130.00 PA/CA  
Cont. Div. Appln. Trans.



BRUMBAUGH, GRAVES, DONOHUE & RAYMOND  
30 ROCKEFELLER PLAZA  
NEW YORK, N.Y. 10112-0228

PATENT

TELEPHONE 212 408-2500  
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TELEX 650 611063  
MCI MAIL 611-1063

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Our File No. A28203-A-FWC-B - 240/31259  
Anticipated Classification  
Class \_\_\_\_\_ Subclass \_\_\_\_\_  
Prior Application 08/162,376  
Examiner: L. Arthur  
Art Unit: 1807

Box Patent Application  
Commissioner of Patents and Trademarks  
Washington, D.C. 20231

TRANSMITTAL OF FILING UNDER 37 CFR. 1.60(b)

Sir:

This is a request for the filing of a  
(X) continuation ( ) divisional

application under 37 CFR 1.60 of pending prior application Serial  
No. 08/162,376, filed on December 2, 1993, which is a file-  
wrapper continuation of application Serial No. 07/656,575, filed on  
February 15, 1991, abandoned, which in turn is a continuation-in-  
part application Serial No. 07/482,005, filed February 16,  
1990, abandoned

of Soderlund, et al.  
(Inventor(s))

for METHOD AND REAGENT FOR DETERMINING SPECIFIC NUCLEOTIDE  
VARIATIONS

(Title of Invention)

1. (X) Enclosed is a copy of the prior application, drawings and  
declaration as originally filed. I hereby verify that

CERTIFICATE OF EXPRESS MAIL UNDER 37 C.F.R. 1.10

"Express Mail" Mailing Label No. EG524456368US. Date of Deposit June 5, 1995  
. I hereby certify that this 37 CFR 1.60 request and the documents referred to  
as attached therein are being deposited with the United States Postal Service  
"Express Mail Post Office to Addressee" Service under 37 C.F.R. 1.10 on the date  
indicated above and is addressed to: Commissioner of Patents and Trademarks,  
Washington, D.C. 20231.

Calvin Teegarden  
(Type or print Name of person mailing paper or fee)

Calvin Teegarden  
(Signature of person mailing paper or fee)

0845322-060595



Our File No. A28203-A-FWC-B - 240/31259

the attached papers are a true copy of prior application  
Serial No. 07/656,575 as originally filed on  
February 15, 1991 and application Serial No.  
08/162,376 filed December 2, 1993.

2. ( ) Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a verified statement previously submitted.
3. ( ) A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.
4. (X) The filing fee is calculated below:

FOR	(Col. 1) NO. FILED	(Col. 2) NO. EXTRA	SMALL ENTITY		or	OTHER THAN A SMALL ENTITY	
			RATE	FEE		RATE	FEE
Basic Fee	////////	////////	////	\$365	or	////	\$730
Total Claims	11 -20 =	0	x \$11	=	or	x \$22	= 0
Ind. Claims	1 -3 =	0	x \$38	=	or	x \$76	= 0
( ) Multiple Dependent Claim Presented			+ \$120	=	or	+ \$240	= 0
			TOTAL	= \$	or	TOTAL	= \$ 730

\* If the difference in Col. 1 is less than zero, enter "0" in Col. 2.

5. ( ) An Extension of Time to respond to \_\_\_\_\_ dated \_\_\_\_\_ in parent application Serial No. \_\_\_\_\_ filed \_\_\_\_\_ is requested. The required fee, indicated below, is enclosed herewith.

Extension for response (check only one):

	SMALL ENTITY	OTHER THAN A SMALL ENTITY
Within first month	( ) \$ 55	( ) \$ 110
Within second month	( ) 185	( ) 370
Within third month	( ) 435	( ) 870
Within fourth month	( ) 680	( ) 1,360

(Check and complete the next item, if applicable)

08465332-060595

PATENT

Our File No. A28203-A-FWC-B - 240/31259

6a. ( ) An extension for      months has already been secured and the fee paid therefor of \$            is deducted from the total fee due for the total months of extension now requested.

( ) A copy of the request for extension of time filed in prior application is attached.

Extension fees due with this request \$            or

6b. (X) In the event that an extension of time is required, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fees for extension of time.

6c. (X) TOTAL FEE DUE IS

Filing fees \$ 730.00  
Extension fee (if any) \$          

TOTAL FEE DUE \$ 730.00

7. (X) The Commissioner is hereby authorized to charge any additional filing fees required under 37 CFR 1.16 and 1.17 associated with this communication or credit any overpayment to Deposit Account No. 02-4377. Two copies of this sheet are enclosed.

8. (X) Cancel claims 1-46.

9a. (X) Amend the specification by inserting before the first line the sentence: This application is a

(X) continuation ( ) divisional

*aa/sab*  
of pending prior application Serial No. 08/162,376,  
filed on December 2, 1993, which is a file-wrapper  
continuation of application Serial No. 07/656,575, filed  
on February 15, 1991, abandoned, which in turn was a  
continuation-in-part application Serial No. 07/482,005,  
filed February 16, 1990, abandoned.

9b. (X) A preliminary amendment is enclosed.

10. (X) Three (3) sheets of drawings are enclosed.

044633-060595

PATENT

Our File No. A28203-A-FWC-B - 240/31259

11. (X) The prior application is assigned to Orion Corporation

12. (X) a. (X) The Power of Attorney to our firm or to its members appears in the original papers of the prior application.

b. ( ) A revocation of the Power of Attorney in the prior application to  
Name \_\_\_\_\_,  
Reg. No. \_\_\_\_\_, and Address \_\_\_\_\_

and a new Power of Attorney are enclosed.

c. ( ) Since the Power does not appear in the original papers, a copy of the Power in the prior application is enclosed.

d. (X) Recognize as associate attorney  
Name Rochelle K. Seide,  
Reg. No. 32,300, and Address  
30 Rockefeller Plaza, New York, NY 10112

13. ( ) Applicant claims priority in this application under 35 USC 119 on application Serial No. \_\_\_\_\_, filed in \_\_\_\_\_ on \_\_\_\_\_  
\_\_\_\_\_. A certified copy of that application was filed in the parent application Serial No. \_\_\_\_\_ on \_\_\_\_\_.

14. (X) A second duplicate copy of this letter is enclosed for filing in the original application file.

15. (X) Please address all further communications to:

BRUMBAUGH, GRAVES, DONOHUE & RAYMOND  
30 Rockefeller Plaza  
New York, New York 10112

BRUMBAUGH, GRAVES, DONOHUE & RAYMOND

By Rochelle K. Seide

Rochelle K. Seide

PTO Registration No. 32,300

Date June 5, 1995

0346330055